

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number 5051-574CT		Serial No. To Be Assigned 10/802,644	
				Applicants: Martin et al.			
				Filing Date Concurrently Herewith		Group To Be Assigned	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
m h	1.	Adler et al. "Effects of inflammatory mediators and drugs on mucus secretion and mucociliary function" <u>Res. Immunol.</u> 149:24-248, 1998.					
m h	2.	Barnes, P.J. "Current and future therapies for airway mucus hypersecretion." <u>Novartis Found Symp.</u> 248-237-49. (2002).					
m h	3.	Ward, PA and Mulligan MS. "Blocking of adhesion molecules in vivo as anti-inflammatory therapy." <u>Ther Immunol.</u> 1(3):165-71. (1994).					

EXAMINER

Maher Haddad

DATE CONSIDERED

11/23/04
10/8/04

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Substitute form 1449A/PTO		Complete if Known 10/802,644	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	40480-750 To Be Assigned
		Filing Date	06/26/2003 Concurrently therewith
		First Named Inventor	Linda D. Martin
		Group Art Unit	4644 1644
		Examiner Name	Mohor M. Haddad
(use as many sheets as necessary)		Attorney Docket Number	5051-574 5051-574CT
Sheet	1	of	1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (If known)			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
mt	1	Abdullah et al., <i>P_{2U} purinoceptor regulation of mucin secretion in SPOC1 cells, a goblet cell line from the airways</i> , Biochem. J. Vol. 316, 1996, pp. 943-951	
mt	2	Abdullah et al., <i>Protein kinase C and Ca²⁺ activation of mucin secretion in airway goblet cells</i> , Am. J. Physiol., Vol. 273, pp. L201-L210	
mt	3	Adler et al., <i>Effects of inflammatory mediators and drugs on mucus secretion and mucociliary function</i> , Res. Immunol., Vol. 149, 1998, pp. 245-248	
mt	4	Cross et al., <i>Antioxidant Protection: A Function of Tracheobronchial and Gastrointestinal Mucus</i> , The Lancet, June 16, 1984, pp. 1328-1329	
mt	5	Fischer et al., <i>Tumor Necrosis Factor-α Stimulates Mucin Secretion and Cyclic GMP Production by Guinea Pig Tracheal Epithelial Cells In Vitro</i> , Am. J. Respir. Cell Mol. Biol., Vol. 20, 1999, pp. 413-422	
mt	6	Kim et al., <i>Airway Mucus</i> , Eur. Respir. J., Vol. 10, 1997, p. 1438	
mt	7	King et al., <i>Alteration of Airway Reactivity by Mucus</i> , Respiration Physiology, Vol. 62, 1985, pp. 47-59	
mt	8	Ko et al., <i>ATP-induced Mucin Release from Cultured Airway Goblet Cells Involves, in Part, Activation of Protein Kinase C</i> , Am. J. Respir. Cell Mol. Biol. Vol. 16, 1996, pp. 194-198	
mt	9	Krunkosky et al., <i>Effects of TNFα on Expression of ICAM-1 in Human Airway Epithelial Cells In Vitro</i> , Am. J. Respir. Cell Mol. Biol., Vol. 22, 2000, pp. 685-692	
mt	10	Larivée et al., <i>Platelet-Activating Factor Induces Airway Mucin Release via Activation of Protein Kinase C: Evidence of Translocation of protein Kinase C to Membranes</i> , Am. J. Respir. Cell Mol. Biol., Vol. 11, 1994, pp. 199-205	
mt	11	Lethem et al., <i>Nucleotide Regulation of Goblet Cells in Human Airway Epithelial Explants: Normal Exocytosis in Cystic Fibrosis</i> , Am. J. Respir. Cell Mol. Biol., Vol. 9, 1993, pp. 315-322	
mt	12	Li et al., <i>MARCKS Protein Is a Key Molecule Regulating Mucin Secretion by Human Airway Epithelial Cells In Vitro</i> , The Journal of Biological Chemistry, Vol. 276, No. 44, November 2, 2001, pp. 40982-40990	
mt	13	Prescott et al., <i>Chronic Mucus Hypersecretion in COPD and Death From Pulmonary Infection</i> , Eur. Respir. J., Vol. 8, 1995, pp. 1333-1338	
mt	14	Steiger et al., <i>Concurrent Increases in the Storage and Release of Mucin-like Molecules by Rat Airway Epithelial Cells in Response to Bacterial Endotoxin</i> , Am. J. Respir. Cell Mol. Biol., Vol. 12, 1995, pp. 307-314	
mt	15	Thornton et al., <i>Identification of Two Glycoforms of the MUC5B Mucin in Human Respiratory Mucus</i> , The Journal of Biological Chemistry, Vol. 272, No. 14, April 4, 1997, pp. 9561-9566	
mt	16	Vishwanath et al., <i>Adherence of Pseudomonas aeruginosa to Human Tracheobronchial Mucin, Infection and Immunity</i> , Vol. 45, No. 1, July 1984, pp. 197-202	
mt	17	Wright et al., <i>Oxidant stress stimulates mucin secretion and PLC in airway epithelium via a nitric oxide-dependent mechanism</i> , American J. Physiol., Vol. 271, pp. L854-L861	

11/23/04

Examiner Signature	Mohor Haddad	Date Considered	10/2/04
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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number 5051-374 5051-574CT		Serial No. 10/180,753 FO BE Assigned 10/802,644	
				Applicants: Martin et al.			
				Filing Date June 26, 2002 Concurrently Harold		Group 1644 1644	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
mH	1.	WO 00/50062	08/2000	PCT	A61K	38/17	Yes
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
mH	2.	Elzagallaai, A., et al. "Platelet Secretion Induced by Phorbol Esters Stimulation is Mediated Through Phosphorylation of MARCKS: a MARCKS-Derived Peptide Blocks MARCKS Phosphorylation and Serotonin Release Without Affecting Pleckstrin Phosphorylation." <i>Hemostasis, Thrombosis, and Vascular Biology</i> . 95(3):894-902. (Feb. 1, 2000).					
mH	3.	International Search Report corresponding to PCT/US02/23270 mailed on January 22, 2003.					
mH	4.	Rogers, D.F. "Airway Goblet Cell Hyperplasia in Asthma: Hypersecretory and Anti-Inflammatory?" <i>Clinical and Experimental Allergy</i> . Editorial 32:1124-1127. (2002).					
mH	5.	Li, Y., et al. "MARCKS Protein is a Key Molecule Regulation Mucin Secretion by Human Airway Epithelial Cells in Vitro." <i>The Journal of Biological Chemistry</i> . 276(44):40982-40990. (November 2, 2001).					
mH	6.	Zhao, Y., et al. "Role of MARCKS in regulating endothelial cell proliferation." <i>Am J Physiol Cell Physiol</i> . 279:C1611-C1620. (2000).					

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